

12w

PTO/SB/21 (02-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/765,430
	Filing Date	January 26, 2004
	First Named Inventor	Guillermo J. Tearney
	Art Unit	3737
	Examiner Name	To be assigned
Total Number of Pages in This Submission	Attorney Docket Number	036140/US - 475387-00020

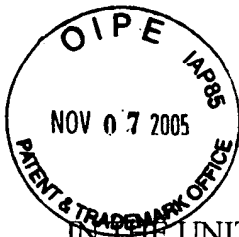
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Form PTO-1449 and 71 references and Return Receipt postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	DORSEY & WHITNEY, LLP Gary Abelev, Esq. (Reg No. 40,479)
Signature	
Date	November 2, 2005

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Gary Abelev, Esq.
Signature	
Date	November 2, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



036140/US - 475387-00020 PATENT

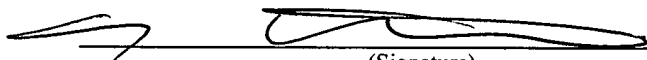
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s) : Guillermo J. Tearney et al.  
Serial No. : 10/765,430  
Filed : January 26, 2004  
Entitled : SYSTEM AND METHOD FOR IDENTIFYING TISSUE USING  
LOW-COHERENCE INTERFEROMETRY  
Group Art Unit : 3737  
Examiner : To be assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U. S.  
mail addressed to: Commissioner for Patents, P.O. Box 1450,  
Alexandria, Virginia 22313-1450 on this day of November 3, 2005.

  
(Signature)

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449, and respectfully request that the listed documents be considered by the Examiner and made of record in the above-captioned application. Copies of the articles listed on the Form PTO-1449 are enclosed.

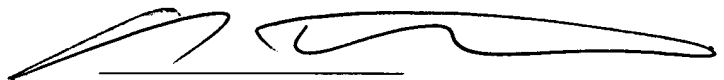
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

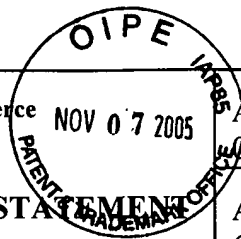
This submission is being filed before any action by the U.S. Patent and Trademark Office on the merits. Therefore, applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 50-2054.

Respectfully submitted,

**DORSEY & WHITNEY, LLP**



Gary Abelev  
PTO Reg. No. 40,479  
Attorneys for Applicants  
(212) 415-9371



Atty. Docket No.  
#036140/US - 475387-00020

Serial No.  
10/765,430

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al.

Filing Date  
January 26, 2004

Group  
3737

**U.S. PATENT DOCUMENTS**

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate

**FOREIGN PATENT DOCUMENT**

Document No.	Date	Country	Class	SubClass	Translator Yes No

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

	De Boer, Johannes F. et al., "Review of Polarization Sensitive Optical Coherence Tomography and Stokes Vector Determination," <u>Journal of Biomedical Optics</u> , Vol. 7, No. 3, July 2002, pages 359-371
	Jiao, Shuliang et al., "Depth-Resolved Two-Dimensional Stokes Vectors of Backscattered Light and Mueller Matrices of Biological Tissue Measured with Optical Coherence Tomography," <u>Applied Optics</u> , Vol. 39, No. 34, December 1, 2000, pages 6318-6324
	Park, B. Hyle et al., "In Vivo Burn Depth Determination by High-Speed Fiber-Based Polarization Sensitive Optical Coherence Tomography," <u>Journal of Biomedical Optics</u> , Vol. 6 No. 4, October 2001, pages 474-479
	Roth, Jonathan E. et al., "Simplified Method for Polarization-Sensitive Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 26, No. 14, July 15, 2001, pages 1069-1071
	Hitzenberger, Christopher K. et al., "Measurement and Imaging of Birefringence and Optic Axis Orientation by Phase Resolved Polarization Sensitive Optical Coherence Tomography," <u>Optics Express</u> , Vol. 9, No. 13, December 17, 2001, pages 780-790
	Wang, Xueding et al., "Propagation of Polarized Light in Birefringent Turbid Media: Time-Resolved Simulations," Optical Imaging Laboratory, Biomedical Engineering Program, Texas A&M University
	Wong, Brian J.F. et al., "Optical Coherence Tomography of the Rat Cochlea," <u>Journal of Biomedical Optics</u> , Vol. 5, No. 4, October 2000, pages 367-370

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
036140/US – 475387-00020

Serial No.  
10/765,430

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al.

Filing Date  
January 26, 2004

Group  
3737

		Yao, Gang et al., "Propagation of Polarized Light in Turbid Media: Simulated Animation Sequences," <u>Optics Express</u> , Vol. 7, No. 5, August 28, 2000, pages 198-203
		Wang, Xiao-Jun et al., "Characterization of Dentin and Enamel by Use of Optical Coherence Tomography," <u>Applied Optics</u> , Vol. 38, No. 10, April 1, 1999, pages 2092-2096
		De Boer, Johannes F. et al., "Determination of the Depth-Resolved Stokes Parameters of Light Backscattered from Turbid Media by use of Polarization-Sensitive Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 24, No. 5, March 1, 1999, pages 300-302
		Ducros, Mathieu G. et al., "Polarization Sensitive Optical Coherence Tomography of the Rabbit Eye," <u>IEEE Journal of Selected Topics in Quantum Electronics</u> , Vol. 5, No. 4, July/August 1999, pages 1159-1167
		Groner, Warren et al., "Orthogonal Polarization Spectral Imaging: A New Method for Study of the Microcirculation," <u>Nature Medicine Inc.</u> , Vol. 5 No. 10, October 1999, pages 1209-1213
		De Boer, Johannes F. et al., "Polarization Effects in Optical Coherence Tomography of Various Viological Tissues," <u>IEEE Journal of Selected Topics in Quantum Electronics</u> , Vol. 5, No. 4, July/August 1999, pages 1200-1204
		Yao, Gang et al., "Two-Dimensional Depth-Resolved Mueller Matrix Characterization of Biological Tissue by Optical Coherence Tomography," <u>Optics Letters</u> , April 15, 1999, Vol. 24, No. 8, pages 537-539
		Lu, Shih-Yau et al., "Homogeneous and Inhomogeneous Jones Matrices," <u>J. Opt. Soc. Am. A.</u> , Vol. 11, No. 2, February 1994, pages 766-773
		Bickel, S. William et al., "Stokes Vectors, Mueller Matrices, and Polarized Scattered Light," <u>Am. J. Phys.</u> , Vol. 53, No. 5, May 1985 pages 468-478
		Br��honnet, F. Le Roy et al., "Optical Media and Target Characterization by Mueller Matrix Decomposition," <u>J. Phys. D: Appl. Phys.</u> 29, 1996, pages 34-38
		Cameron, Brent D. et al., "Measurement and Calculation of the Two-Dimensional Backscattering Mueller Matrix of a Turbid Medium," <u>Optics Letters</u> , Vol. 23, No. 7, April 1, 1998, pages 485-487
		De Boer, Johannes F. et al., "Two-Dimensional Birefringence Imaging in Biological Tissue by Polarization-Sensitive Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 22, No. 12, June 15, 1997, pages 934-936

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
036140/US – 475387-00020

Serial No.  
10/765,430

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al.

Filing Date  
January 26, 2004

Group  
3737

		De Boer, Johannes F. et al., "Imaging Thermally Damaged Tissue by Polarization Sensitive Optical Coherence Tomography," <u>Optics Express</u> , Vol. 3, No. 6, September 14, 1998, pages 212-218
		Everett, M.J. et al., "Birefringence Characterization of Biological Tissue by Use of Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 23, No. 3, February 1, 1998, pages 228-230
		Hee, Michael R. et al., "Polarization-Sensitive Low-Coherence Reflectometer for Birefringence Characterization and Ranging," <u>J. Opt. Soc. Am. B.</u> , Vol. 9, No. 6, June 1992, pages 903-908
		Barakat, Richard, "Statistics of the Stokes Parameters," <u>J. Opt. Soc. Am. B.</u> , Vol. 4, No. 7, July 1987, pages 1256-1263
		Schmitt, J.M. et al., "Cross-Polarized Backscatter in Optical Coherence Tomography of Biological Tissue," <u>Optics Letters</u> , Vol. 23, No. 13, July 1, 1998, pages 1060-1062
		Schoenenberger, Klaus et al., "Mapping of Birefringence and Thermal Damage in Tissue by use of Polarization-Sensitive Optical Coherence Tomography," <u>Applied Optics</u> , Vol. 37, No. 25, September 1, 1998, pages 6026-6036
		Pierce, Mark C. et al., "Simultaneous Intensity, Birefringence, and Flow Measurements with High-Speed Fiber-Based Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 27, No. 17, September 1, 2002, pages 1534-1536
		De Boer, Johannes F. et al., "Review of Polarization Sensitive Optical Coherence Tomography and Stokes Vector Determination," <u>Journal of Biomedical Optics</u> , July 2002, Vol. 7, No. 3, pages 359-371
		Fried, Daniel et al., "Imaging Caries Lesions and Lesion Progression with Polarization Sensitive Optical Coherence Tomography," <u>Journal of Biomedical Optics</u> , Vol. 7, No. 4, October 2002, pages 618-627
		Jiao, Shuliang et al., "Two-Dimensional Depth-Resolved Mueller Matrix of Biological Tissue Measured with Double-Beam Polarization-Sensitive Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 27, No. 2, January 15, 2002, pages 101-103
		Jiao, Shuliang et al., "Jones-Matrix Imaging of Biological Tissues with Quadruple-Channel Optical Coherence Tomography," <u>Journal of Biomedical Optics</u> , Vol. 7, No. 3, July 2002, pages 350-358
		Kuranov, R.V. et al., "Complementary Use of Cross-Polarization and Standard OCT for Differential Diagnosis of Pathological Tissues," <u>Optics Express</u> , Vol. 10, No. 15, July 29, 2002, pages 707-713

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
036140/US – 475387-00020

Serial No.  
10/765,430

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al.

Filing Date  
January 26, 2004

Group  
3737

		Cense, Barry et al., "In Vivo Depth-Resolved Birefringence Measurements of the Human Retinal Nerve Fiber Layer by Polarization-Sensitive Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 27, No. 18, September 15, 2002, pages 1610-1612
		Ren, Hongwu et al., "Phase-Resolved Functional Optical Coherence Tomography: Simultaneous Imaging of In Situ Tissue Structure, Blood Flow Velocity, Standard Deviation, Birefringence, and Stokes Vectors in Human Skin," <u>Optics Letters</u> , Vol. 27, No. 19, October 1, 2002, pages 1702-1704
		Tripathi, Renu et al., "Spectral Shaping for Non-Gaussian Source Spectra in Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 27, No. 6, March 15, 2002, pages 406-408
		Yasuno, Y. et al., "Birefringence Imaging of Human Skin by Polarization-Sensitive Spectral Interferometric Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 27, No. 20, October 15, 2002 pages 1803-1805
		White, Brian R. et al., "In Vivo Dynamic Human Retinal Blood Flow Imaging Using Ultra-High-Speed Spectral Domain Optical Doppler Tomography," <u>Optics Express</u> , Vol. 11, No. 25, December 15, 2003, pages 3490-3497
		De Boer, Johannes F. et al., "Improved Signal-to-Noise Ratio in Spectral-Domain Compared with Time-Domain Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 28, No. 21, November 1, 2003, pages 2067-2069
		Jiao, Shuliang et al., "Optical-Fiber-Based Mueller Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 28, No. 14, July 15, 2003, pages 1206-1208
		Jiao, Shuliang et al., "Contrast Mechanisms in Polarization-Sensitive Mueller-Matrix Optical Coherence Tomography and Application in Burn Imaging," <u>Applied Optics</u> , Vol. 42, No. 25, September 1, 2003, pages 5191-5197
		Moreau, Julien et al., "Full-Field Birefringence Imaging by Thermal-Light Polarization-Sensitive Optical Coherence Tomography. I. Theory," <u>Applied Optics</u> , Vol. 42, No. 19, July 1, 2003, pages 3800-3810
		Moreau, Julien et al., "Full-Field Birefringence Imaging by Thermal-Light Polarization-Sensitive Optical Coherence Tomography. II. Instrument and Results," <u>Applied Optics</u> , Vol. 42, No. 19, July 1, 2003, pages 3811-3818
		Morgan, Stephen P. et al., "Surface-Reflection Elimination in Polarization Imaging of Superficial Tissue," <u>Optics Letters</u> , Vol. 28, No. 2, January 15, 2003, pages 114-116

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
036140/US – 475387-00020

Serial No.  
10/765,430

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al.

Filing Date  
January 26, 2004

Group  
3737

		Oh, Jung-Taek et al., "Polarization-Sensitive Optical Coherence Tomography for Photoelasticity Testing of Glass/Epoxy Composites," <u>Optics Express</u> , Vol. 11, No. 14, July 14, 2003, pages 1669-1676
		Park, B. Hyle et al., "Real-Time Multi-Functional Optical Coherence Tomography," <u>Optics Express</u> , Vol. 11, No. 7, April 7, 2003, pages 782-793
		Shribak, Michael et al., "Techniques for Fast and Sensitive Measurements of Two-Dimensional Birefringence Distributions," <u>Applied Optics</u> , Vol. 42, No. 16, June 1, 2003, pages 3009-3017
		Somervell, A.R.D. et al., "Direct Measurement of Fringe Amplitude and Phase Using a Heterodyne Interferometer Operating in Broadband Light," <u>Elsevier, Optics Communications</u> , October 2003
		Stifter, D. et al., "Polarisation-Sensitive Optical Coherence Tomography for Material Characterisation and Strain-Field Mapping," <u>Applied Physics A 76, Materials Science &amp; Processing</u> , January 2003, pages 947-951
		Davé, Digant P. et al., "Polarization-Maintaining Fiber-Based Optical Low-Coherence Reflectometer for Characterization and Ranging of Birefringence," <u>Optics Letters</u> , Vol. 28, No. 19, October 1, 2003, pages 1775-1777
		Yang, Ying et al., "Observations of Birefringence in Tissues from Optic-Fibre-Based Optical Coherence Tomography," <u>Measurement Science and Technology</u> , November 2002, pages 41-46
		Yun, S.H. et al., "High-Speed Optical Frequency-Domain Imaging," <u>Optics Express</u> , Vol. 11, No. 22, November 3, 2003, pages 2953-2963
		Yun, S.H. et al., "High-Speed Spectral-Domain Optical Coherence Tomography at 1.3 $\mu$ m Wavelength," <u>Optics Express</u> , Vol. 11, No. 26, December 29, 2003, pages 3598-3604
		Zhang, Jun et al., "Determination of Birefringence and Absolute Optic Axis Orientation Using Polarization-Sensitive Optical Coherence Tomography with PM Fibers," <u>Optics Express</u> , Vol. 11, No. 24, December 1, 2003, pages 3262-3270
		Pircher, Michael et al., "Three Dimensional Polarization Sensitive OCT of Human Skin In Vivo," 2004, <u>Optical Society of America</u>
		Götzinger, Erich et al., "Measurement and Imaging of Birefringent Properties of the Human Cornea with Phase-Resolved, Polarization-Sensitive Optical Coherence Tomography," <u>Journal of Biomedical Optics</u> , Vol. 9, No. 1, January/February 2004, pages 94-102

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
036140/US – 475387-00020

Serial No.  
10/765,430

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al.

Filing Date  
January 26, 2004

Group  
3737

		Guo, Shuguang et al., "Depth-Resolved Birefringence and Differential Optical Axis Orientation Measurements with Finer-based Polarization-Sensitive Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 29, No. 17, September 1, 2004, pages 2025-2027
		Huang, Xiang-Run et al., "Variation of Peripapillary Retinal Nerve Fiber Layer Birefringence in Normal Human Subjects," <u>Investigative Ophthalmology &amp; Visual Science</u> , Vol. 45, No. 9, September 2004, pages 3073-3080
		Matcher, Stephen J. et al., "The Collagen Structure of Bovine Intervertebral Disc Studied Using Polarization-Sensitive Optical Coherence Tomography," <u>Physics in Medicine and Biology</u> , 2004, pages 1295-1306
		Nassif, Nader et al., "In Vivo Human Retinal Imaging by Ultrahigh-Speed Spectral Domain Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 29, No. 5, March 1, 2004, pages 480-482
		Nassif, N.A. et al., "In Vivo High-Resolution Video-Rate Spectral-Domain Optical Coherence Tomography of the Human Retina and Optic Nerve," <u>Optics Express</u> , Vol. 12, No. 3, February 9, 2004, pages 367-376
		Park, B. Hyle et al., "Comment on "Optical-Fiber-Based Mueller Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 29, No. 24, December 15, 2004, pages 2873-2874
		Park, B. Hyle et al., "Jones Matrix Analysis for a Polarization-Sensitive Optical Coherence Tomography System Using Fiber-Optic Components," <u>Optics Letters</u> , Vol. 29, No. 21, November 1, 2004, pages 2512-2514
		Pierce, Mark C. et al., "Collagen Denaturation can be Quantified in Burned Human Skin Using Polarization-Sensitive Optical Coherence Tomography," <u>Elsevier, Burns</u> , 2004, pages 511-517
		Pierce, Mark C. et al., "Advances in Optical Coherence Tomography Imaging for Dermatology," <u>The Society for Investigative Dermatology, Inc.</u> 2004, pages 458-463
		Pierce, Mark C. et al., "Birefringence Measurements in Human Skin Using Polarization-Sensitive Optical Coherence Tomography," <u>Journal of Biomedical Optics</u> , Vol. 9, No. 2, March/April 2004, pages 287-291
		Cense, Barry et al., "In Vivo Birefringence and Thickness Measurements of the Human Retinal Nerve Fiber Layer Using Polarization-Sensitive Optical Coherence Tomography," <u>Journal of Biomedical Optics</u> , Vol. 9, No. 1, January/February 2004, pages 121-125

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
036140/US – 475387-00020

Serial No.  
10/765,430

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al.

Filing Date  
January 26, 2004

Group  
3737

		Pircher, Michael et al., "Imaging Of Polarization Properties of Human Retina <u>in Vivo</u> with Phase Resolved Transversal PS-OCT," <u>Optics Express</u> , Vol. 12, No. 24, November 29, 2004, pages 5940-5951
		Pircher, Michael et al., "Transversal Phase Resolved Polarization Sensitive Optical Coherence Tomography," <u>Physics in Medicine &amp; Biology</u> , 2004, pages 1257-1263
		Srinivas, Shyam M. et al., "Determination of Burn Depth by Polarization-Sensitive Optical Coherence Tomography," <u>Journal of Biomedical Optics</u> , Vol. 9, No. 1, January/February 2004, pages 207-212
		Strasswimmer, John et al., "Polarization-Sensitive Optical Coherence Tomography of Invasive Basal Cell Carcinoma," <u>Journal of Biomedical Optics</u> , Vol. 9, No. 2, March/April 2004, pages 292-298
		Todorovič, Miloš et al., "Determination of Local Polarization Properties of Biological Samples in the Presence of Diattenuation by use of Mueller Optical Coherence Tomography," <u>Optics Letters</u> , Vol. 29, No. 20, October 15, 2004, pages 2402-2404
		Yasuno, Yoshiaki et al., "Polarization-Sensitive Complex Fourier Domain Optical Coherence Tomography for Jones Matrix Imaging of Biological Samples," <u>Applied Physics Letters</u> , Vol. 85, No. 15, October 11, 2004, pages 3023-3025

4815-8164-5312\1

Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.